

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003435

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C07D 307/68**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D 307

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KOREAN PATENTS AND APPLICATIONS FOR INVENTIONS SINCE 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, Delphion**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5627193 A (MITSUI TOATSU CHEMICALS, INC.) 06 May 1997. See entire document.	1-10
A	US 6630506 B1 (BRISTOL-MYERS SQUIBB CO.) 07 October 2003. See entire document.	1-10
A	WO 03-101450 A1 (AVENTIS PHARMA DEUTSCHLAND) 11 December 2003. See entire document.	1-10
A	WO 99-33460 (BRISTOL-MYERS SQUIBB CO.) 08 July 1999. See entire document.	1-10

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.


* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
30 MARCH 2005 (30.03.2005)

Date of mailing of the international search report

30 MARCH 2005 (30.03.2005)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

Yoon, Kyung Ae

Telephone No. 82-42-481-5605



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003435

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US5627193A	06.05.1997	AT165822E	15.05.1998
		DE69600272T2	17.09.1998
		EP00726254A1	14.08.1996
		EP00726254B1	06.05.1998
		EP0726254A1	14.08.1996
		EP726254B1	06.05.1998
		EP726254A1	14.08.1996
		JP8277269A2	22.10.1996
		JP08277269	22.10.1996
		JP08277269	22.10.1996
		US05627193	06.05
US06630506	07.10.2003	AU200043602A1	10.11.2000
		AU200043602A5	10.11.2000
		CA2370607A1	02.11.2000
		CA2370607AA	02.11.2000
		EP01180029A1	20.02.2002
		EP1180029A4	02.10.2002
		EP1180029A1	20.02.2002
		EP1180029A1	20.02.2002
		JP2002542291T2	10.12.2002
		JP14542291	10.12.2002
		US6630506B1	07.10.2003
WO03101450A1	11.12.2003	US200448916A1	11.03.2004
		FR2840302B1	16.07.2004

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003435

WO9933460A1	08.07.1999	AT289509E	15.03.2005
		AU199917119A1	19.07.1999
		AU199917119B2	19.07.1999
		AU1711999A1	19.07.1999
		AU758065B2	13.03.2003
		AU200053133A5	02.01.2001
		AU200053133A1	02.01.2001
		CA2316352A1	08.07.1999
		CA2374627AA	21.12.2000
		CA2374627A1	21.12.2000
		CA2316352AA	08.07.1999
		EP01041980A1	11.10.2000
		EP01041980B1	23.02.2005
		EP1041980B1	23.02.2005
		EP1192145A4	29.01.2003
		EP1192145A1	03.04.2002
		EP1041980A4	20.03.2002
		EP1041980A1	11.10.2000
		EP1192145A1	03.04.2002
		EP01192145A1	03.04.2002
		EP1041980A1	11.10.2000
		JP2001527042T2	25.12.2001
		JP13527042	25.12.2001
		JP15502322	21.01.2003
		JP2003502322T2	21.01.2003
		US6011059A	04.01.2000
		US6160134A	12.12.2000
		US6160134	12.12.2000
		US6011059	04.01.2000
		US6011059A	04.01.2000
		US6160134A	12.12.2000
		WO9933460A1	08.07.1999
		WO200076991A1	21.12.2000
		WO0076991A1	21.12.2000
		ZA9811786A	22.06.2000